

Plus
Search
09/696,827

09696827_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09696827 on January 12, 2004

12 455/461 (4 OR, 8 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/461 .Including personal numbering system (i.e.,
intelligent network for subscriber tracking
or follow-me subscriber feature)

10 455/445 (0 OR, 10 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/445 ..Call routing (e.g., to prevent backhaul,
routing efficiency, least cost, or alternat
e routing)

9 455/433 (2 OR, 7 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/432.1 ..Roaming
455/433 ...Home location registration (HLR) or visitor
location registration (VLR) detail

5 370/338 (0 OR, 5 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
served by respective fixed stations
370/338 ..Contiguous regions interconnected by a local
area network

5 455/414.1 (1 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/414.1 .Special service

5 455/560 (0 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail

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455/560 ..Switching unit detail (e.g., mobile telephon
e
switching office (MTSO), base station contr
oller (BSC),
etc.)

- 4 455/417 (1 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/414.1 .Special service
455/417 ..Call diversion
- 4 455/435.1 (2 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/435.1 ..Registration
- 4 455/555 (0 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/555 ..Wireless private branch exchange (PBX) (i.e.
wireless link to extension unit)
- 3 370/337 (0 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
served by respective fixed stations
370/329 ..Channel assignment
370/336 ...Combining or distributing information via
time channels
370/337Multiple access (e.g., TDMA)
- 3 370/347 (1 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/345 .Combining or distributing information via tim
e
channels
370/347 ..Multiple access (e.g., TDMA)
- 3 379/221.08 (0 OR, 3 XR)
Class 379 : TELEPHONIC COMMUNICATIONS

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379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
 379/221.08 ..Advanced intelligent network (AIN)

3 455/406 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/405 .Usage measurement
 455/406 ..Billing

3 455/411 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/410 .Security or fraud prevention
 455/411 ..Privacy, lock-out, or authentication

3 455/426.1 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/426.1 ..Including other radio communication system
 (e.g., cordless telephone, paging, trunking
 , etc.)

3 455/432.2 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/432.1 ..Roaming
 455/432.2 ...System format conversion

3 455/432.3 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/432.1 ..Roaming
 455/432.3 ...Service profile

3 455/439 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/439 ...Handoff initiated by another source (e.g.,
 target, user initiated, mobile switching ce

nter (MSC), or

tc.)

mobile telephone switching office (MTSO), e

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- 3 455/456.1 (1 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/456.1 ..Location monitoring

- 3 455/465 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/465 .Including public cordless extension system

- 3 455/557 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 - TRANSCEIVER)
 - 455/550.1 .Radiotelephone equipment detail
 - 455/557 ..Interface attached device (e.g., interface with modem, facsimile, computer, etc.)

- 2 342/450 (0 OR, 2 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 - 342/350 DIRECTIVE
 - 342/450 .Position indicating (e.g., triangulation)

- 2 342/457 (1 OR, 1 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 - 342/350 DIRECTIVE
 - 342/450 .Position indicating (e.g., triangulation)
 - 342/457 ..Land vehicle location (e.g., bus, police car)

- 2 370/310.2 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/310.1 .Using ATM as a wireless protocol
 - 370/310.2 ..Having a plurality of contiguous regions served by respective fixed stations

- 2 370/330 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
 - 370/329 ..Channel assignment

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370/330 ...Having both time and frequency assignment

2 370/332 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions
served by respective fixed stations

370/329 ..Channel assignment

370/331 ...Hand-off control

370/332Based upon a particular signal quality
measurement

2 370/349 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/345 .Combining or distributing information via tim
e
channels

370/349 ..Using messages having an address field as
header

2 370/401 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address
header

370/400 ..Having a plurality of nodes performing
distributed switching

370/401 ...Bridge or gateway between networks

2 370/522 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via tim
e
channels

370/522 ..Signaling (ancillary to main information)

2 379/207.15 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/201.01 SPECIAL SERVICES

379/207.02 .Service trigger (activation or deactivation)

379/207.15 ..Automatic number identification or calling
number identification (ANI or CLID)

2 379/221.09 (1 OR, 1 XR)

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Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
 379/221.08 ..Advanced intelligent network (AIN)
 379/221.09 ...Service control point (SCP, ISCP, external
 database)

2 379/221.12 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
 379/221.08 ..Advanced intelligent network (AIN)
 379/221.12 ...Service switching point (SSP)

2 379/88.2 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

 379/88.19 .Call source identification
 379/88.2 ..Automatic Number Identification (ANI)

2 379/909 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
 379/909 ALTERNATIVES

2 379/93.23 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
 379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., C

OMPOSITE)

379/93.01 .Having transmission of a digital message
 signal over a telephone line
 379/93.17 ..Having station display
 379/93.23 ...Having user information display (e.g.,
 telephone number, name, address, etc.)

2 455/12.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater
 455/12.1 ..Space satellite

2 455/13.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater

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- 455/12.1 ..Space satellite
455/13.1 ...With plural repeater or relay systems
- 2 455/403 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
- 2 455/413 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/412.1 .Message storage or retrieval
455/413 ..Voice mail
- 2 455/419 (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/418 .Programming control
455/419 ..Remote programming control
- 2 455/422.1 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
- 2 455/428 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/427 ..Space satellite
455/428 ...Switching or routing
- 2 455/430 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/427 ..Space satellite
455/430 ...Ground station control
- 2 455/436 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/436 ..Handoff
- 2 455/454 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system

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455/450 ..Channel allocation
 455/454 ...Spectrum sharing for different type of
 evision, etc.) system (e.g., point-to-point microwave, tel

2 455/456.2 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/456.1 ..Location monitoring
 455/456.2 ...Based on request signal

2 455/456.5 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/456.1 ..Location monitoring
 455/456.5 ...At system equipment (i.e., base station)

2 455/463 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/462 .Including private cordless extension system
 455/463 ..Multi-users

2 455/466 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/466 .Auxiliary data signaling (e.g., short message
 service (SMS))

2 455/525 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
 455/507 ..Central station (e.g., master, etc.)
 455/517 ...To or from mobile station
 455/524Multiple base stations
 455/525Base station selection

2 455/551 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

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455/550.1 .Radiotelephone equipment detail
455/551 ..Number assignment module (NAM) detail

2 455/561 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail
455/561 ..Base station detail

2 455/62 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/62 .Optimum frequency selection

2 455/63.1 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference
prevention, reduction, or compensation

2 455/67.11 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of
system or part

2 709/250 (0 OR, 2 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/250 .Network-to-computer interfacing

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activity 1
addition 3
advantage 2
advantages 2
alert 1
all 1
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between 1
billing 2
blending 1
blocking 1
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call 23
calls 12
cell 2
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change 4
claims 1
combination 1
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communications 1

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 demand 1
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readily 1
real 1
realtime 1
reduce 1
region 1
relates 1
resource 2
resources 2
response 3
revenue 1
service 6
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PLUS Search Results for S/N 09696827, Searched January 12, 2004

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09696827_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09696827 on January 12, 2004

Original Classifications

4 455/461
2 370/310.2
2 370/330
2 455/419
2 455/432.2
2 455/433
2 455/435.1
2 455/456.2
2 455/463

Cross-Reference Classifications

10 455/445
8 455/461
7 455/433
5 370/338
5 455/560
4 455/414.1
4 455/555
3 370/337
3 379/221.08
3 455/417
3 455/465
3 455/557
2 342/450
2 370/347
2 370/349
2 379/207.15
2 379/221.12
2 379/88.2
2 379/909
2 455/12.1
2 455/13.1
2 455/403
2 455/406
2 455/411
2 455/426.1
2 455/432.3
2 455/435.1
2 455/436
2 455/439
2 455/454
2 455/456.1
2 455/456.5

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2 455/525
2 455/551
2 455/561
2 455/62
2 455/63.1
2 455/67.11
2 709/250

Combined Classifications

12 455/461
10 455/445
9 455/433
5 370/338
5 455/414.1
5 455/560
4 455/417
4 455/435.1
4 455/555
3 370/337
3 370/347
3 379/221.08
3 455/406
3 455/411
3 455/426.1
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3 455/465
3 455/557
2 342/450
2 342/457
2 370/310.2
2 370/330
2 370/332
2 370/349
2 370/401
2 370/522
2 379/207.15
2 379/221.09
2 379/221.12
2 379/88.2
2 379/909
2 379/93.23
2 455/12.1
2 455/13.1
2 455/403
2 455/413

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2 455/419
2 455/422.1
2 455/428
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2 455/456.2
2 455/456.5
2 455/463
2 455/466
2 455/525
2 455/551
2 455/561
2 455/62
2 455/63.1
2 455/67.11
2 709/250